

QY 5 GATGTATACCTTGGTGTCTCAGAGCAGCAGAAAGAGATTGGGTCTCAGAAAACCTGCC 62

Db 3 GATTGTATACCTTGGTGTCTCAGAGCAGCAGAAAGAGATTGGGTCTCAGAAAACCTGCC 62

QY 63 TGGCGACACGAGCAGCGCACTGATGGAGCAGGGCTCTGACTCAGACTTAACCTGGCT 122

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Db 63 TCCGCCACGACGACAGCGCCTAGTGGGACAGGGGCTCTGACTCAGACTTAATGCTT 122
Oy 123 GTGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 182
Db 123 GTGTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 176
Oy 183 GATGAGTCCGACGACGACGACGACGACGACGACGACGACGACGACGACGACGACGAC 242
Db 177 GCCGAGTCCGACGACGACGACGACGACGACGACGACGACGACGACGACGACGACGAC 236
Oy 243 TCATGATTTGAGAGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 302
Db 237 TCATGATTTGAGAGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 296
Oy 303 AGAGTTGGGACAAATGTTGATTTAGTGTGAAACCAAGCCACCACTACTGTAAATACAC 362
Db 297 AGAGTTGGGACAAATGTTGATTTAGTGTGAAACCAAGCCACCACTACTGTAAATACAC 356
Oy 363 TCTTCTGTGACCAATGACCTGACTGAGAGAGTGTGAGAGAGTGTGAGAGAGAGAGAG 422
Db 357 TCTTCTGTGACCAATGACCTGACTGAGAGAGTGTGAGAGAGTGTGAGAGAGAGAGAG 416
Oy 423 ACCCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 482
Db 417 ACCCTATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 476
Oy 483 CATGAGAGAGAGCGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 542
Db 477 CATGAGAGAGAGCGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 536
Oy 543 ATACAGCCATATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 602
Db 537 ATACAGCCATATATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 596
Oy 603 CTGTGACCTCCAGGCGCCATACATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 662
Db 597 CTGTGACCTCCAGGCGCCATACATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 656
Oy 663 ACCGAGTAGAATTCACAGTTAACTACACCAAGACCTGAGCAAAAGTCTGTCTGACGTA 722
Db 657 ACCGAGTAGAATTCACAGTTAACTACACCAAGACCTGAGCAAAAGTCTGTCTGACGTA 716
Oy 723 AAGGAATTCAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 782
Db 717 AAGGAATTCAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 776
Oy 783 CAGGATTAATCTGAAATTTACTCTCAGAAAGCTTTGATGAGAGTGTGTGTGTGTGTGT 842
Db 777 CAGGATTAATCTGAAATTTACTCTCAGAAAGCTTTGATGAGAGTGTGTGTGTGTGTGT 836
Oy 843 GGAACAAACAACTTTATCAGAAAGAGGAAATTCGTCTACTGTGAGAGCCCTTGTCTTAC 902
Db 837 GGAACAAACAACTTTATCAGAAAGAGGAAATTCGTCTACTGTGAGAGCCCTTGTCTTAC 896
Oy 903 ATACTGGAATGGAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 962
Db 897 ATACTGGAATGGAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 956
Oy 963 ATCGAATTAATAAGACACCTAAATATCTCATATTCGCTTACCCCTTGGGGTGGGAGAA 1022
Db 957 ATCGAATTAATAAGACACCTAAATATCTCATATTCGCTTACCCCTTGGGGTGGGAGAA 1016
Oy 1023 CCTTAGAGTCTCAAGTCAAAAGTGTGGCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1082
Db 1017 CCTTAGAGTCTCAAGTCAAAAGTGTGGCCCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1076
Oy 1083 AGGCTGTGAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1142
Db 1077 AGGCTGTGAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1136
Oy 1143 CTGCTCCCAAGGAATTAATGATCTCTGTGAAACAGCAAACTGAAAGAGGCTTTC 1202
Db 1137 CTGCTCCCAAGGAATTAATGATCTCTGTGAAACAGCAAACTGAAAGAGGCTTTC 1196
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Oy 1203 TTCTGACCTTGAGATATGCTGATTCCTACTGTGAGATAAGATAAATATTATTCCTAT 1262
Db 1197 TTCTGACCTTGAGATATGCTGATTCCTACTGTGAGATAAGATAAATATTATTCCTAT 1256
Oy 1263 CAGAGACTACAGAGGACCCCTTTCAGTGTGTATTTGAGAAACATCAGGATACACAT 1322
Db 1257 CAGAGACTACAGAGGACCCCTTTCAGTGTGTATTTGAGAAACATCAGGATACACAT 1316
Oy 1323 TCTTACAAATCAAGCTGATGCCCAACTTAATTTGAAATGATGATGAGTGGAGCTGTGT 1382
Db 1317 T-CTTAAATCAAGCTGATGCCCAACTTAATTTGAAATGATGATGAGTGGAGCTGTGT 1374
Oy 1383 GCTTCCAGAGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1442
Db 1375 GCTTCCAGAGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1434
Oy 1443 ATGTCTATCGCTGCTGAGGATTAAGTAAATGATTAATTAATTAATTAATTAATTAAT 1502
Db 1435 ATGTCTATCGCTGCTGAGGATTAAGTAAATGATTAATTAATTAATTAATTAATTAAT 1494
Oy 1503 CATTATAAATCTAGAGAAAGATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1548
Db 1495 CATTATAAATCTAGAGAAAGATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1540
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RESULT 2
US-10-177-900-10/c
; Sequence 10, Application US/10177900
; Publication No. US20030068787A1
; GENERAL INFORMATION:
; APPLICANT: Jackson, Jennifer L.
; APPLICANT: Corley, Neil C.
; APPLICANT: Guebler, Karl J.
; APPLICANT: Arizcu, Chandra
; TITLE OF INVENTION: AN ANTIBODY SPECIFICALLY BINDING CYCLOPHILIN-TYPE PEPTIDYL-PRO
; FILE REFERENCE: CIS/TRANS ISOMERASE
; FILE REFERENCE: PF-0582-2 CIP
; CURRENT APPLICATION NUMBER: US/10/177, 900
; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: 09/440,828
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 09/136,442
; PRIOR FILING DATE: 1998-08-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PERL Program
; SEQ ID NO 10
; LENGTH: 2922
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20030068787A1 023075_Mm.3
US-10-177-900-10
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Query Match 55.9%; Score 868; DB 14; Length 2922;
Best Local Similarity 85.4%; Pred. No. 3,7e-259;
Matches 967; Conservative 0; Mismatches 165; Indels 0; Gaps 0;
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Oy 187 AGTCCGACGACAGTCCGCTTGTGATTCCTCGATCTGCAATTCCTCCGCTTCCCTCAT 246
Db 1309 AGTCCGACGACAGTCCGCTTGTGATTCCTCGATCTGCAATTCCTCCGCTTCCCTCAT 1250
Oy 247 GGAATTTGAAGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 306
Db 1249 GGAATTTGAAGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1190
Oy 307 TTGGGCAATGTTGATTAATGATGAGAACCAAGCCACACATCTGTAATTAATCACTCTT 366
Db 1189 TTGGGCAATGTTGATTAATGATGAGAACCAAGCCACACATCTGTAATTAATCACTCTT 1130
Oy 367 CCTGACCAATGACCTGACTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTG 426
Db 1137 CCTGACCAATGACCTGACTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTGAGAGAGTGTG 1196
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Db 1129 CCTACCAATGACTGACGAGAGGCTCATGAGAGGCTCTGCAAAAAGAGCAGACTT 1070
Oy 427 CATTCCTCTACCATCGCCTATCTTCCAGCCATGAGGCGCAATACCTGGAACATG 486
Db 1069 CATTCCTCTACCATCGCCTATCTTCCAGCCATGAGGCGCAATACCTGGAACATG 1010
Oy 487 GAAGAGGCGCTGTGATCCGGGCTCTGAGAACAGAGTCCGATCTACCTCTCTCATAC 546
Db 1009 GAAGAGGCTGTGATCCGGGCTCTGAGAACAGAGTCCGATCTCTCTCTCTCCACAC 950
Oy 547 AGCCTATGATCTGCGCCCGCAGGCGCTCAACAACCTGGTCTTAAAGGCTTGAGCTTG 606
Db 949 AGCCTATGATCTGCGCCCGCAGGCGCTCAACAACCTGGTCTTAAAGGCTTGAGCTTG 890
Oy 607 TACCTCAGGCGCATACCTCTCCAAAGCTCCCAACCTACAGGCGGAGGAGAACCCACG 666
Db 889 CACTACCGAGGCCCATCCACCTTCCAGAGCTCCAGACTCCACAGGAGGAGCTCACG 830
Oy 667 AGTAGAATTCACCTTACCTACCAACCAAGACCTGAGACAACTGCTGCAAGTGAAG 726
Db 829 ACTAGAAATTCAGTGAACCGCAGCAAGACCTGAGACAACTGCTGCTACAGTGAAG 770
Oy 727 AATGAGAGGCTTCTGCTCACTTTCTTTCTGCTAGACCTGCTAATGAGAACAAACG 786
Db 769 GGTGAGAGGCTTCTGCTCACTTTCTTTCTGCTAGACCTGCTAATGAGAACAAACG 710
Oy 787 GATTAAATCTGAATCTACTCAGAGGCTTGTATGACAGGCTGATGATTTCTTCCCGAA 846
Db 709 GATACGCTGAATCTACTCAGAGGCTTGTATGACAGGCTGATGATTTCTTCCCGAA 650
Oy 847 CAACAACTTTATCAGAGAGGAAATCTGCTACCTGAGAGAGCTTGTCTTACATAC 906
Db 649 CAGACAACTTTATCAGAGAGGAAATCTTCTTCTTGTGAGAGAGCTTGTCTTACATAC 590
Oy 907 TGGAGAGGAGGCTTATGCAACAGAGAGATCTGCTCTCCGCAACCTGATGATG 966
Db 589 TGGAGAGGAGGCTTATGCAACAGAGAGATCTGCTCTCCGCAACCTGATGATG 530
Oy 967 AATAAAGAGACCTTAAACATCTATCTGCTTACCTGAGGCTGAGGAGAGACCTT 1026
Db 529 AATAAAGAGACCTTAAACATCTGCTTACCTGAGGCTGAGGAGAGACCTT 470
Oy 1027 AGAGTCTCAAGTCAAGTCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1086
Db 469 AGAGTCTCAAGTCAAGTCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 410
Oy 1087 TGTGAGGCTGACCTTACCTACCAAGAGAGATGCTCCATCATGATTAATGATGCTGC 1146
Db 409 AGTGAAGGCGCAGCTTACCTACCAAGAGATGCTCCATCATGATTAATGATGCTGC 350
Oy 1147 TTCCCAAGAGATTAATGCTCTCTGAGAACAGACAACTGAGAGGCTTCTTCTTC 1206
Db 349 TTCCCAAGAGATTAATGCTCTCTGAGAACAGACAACTGAGAGGCTTCTTCTTC 290
Oy 1207 TGACCTTCAGATATGCTGATCTCTGAGAACAGATTAATGATTAATGATTAATG 1266
Db 289 TGACCTTCAGATATGCTGATCTCTGAGAACAGATTAATGATTAATGATTAATG 230
Oy 1267 GACTGACAGGAGGAGGCTGCTGAGTGTATTAATGAGAACATGAGTATAC 1318
Db 229 GACAGACAGGAGGAGGCTGCTGAGTGTATTAATGAGAACATGAGTATAC 178

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RESULT 3

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US-10-198-846-12938
; Sequence 12938, Application US/10198846
; Publication No. US2003009974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS

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; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; FILE REFERENCE: MRI-049
; CURRENT APPLICATION NUMBER: US/10/198,846
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 12938
; LENGTH: 1614
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1613..1614
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-12938

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Query Match 47.1%; Score 731.4; DB 14; Length 1614;
Best Local Similarity 77.6%; Pred. No. 9.6e-217;
Matches 1064; Conserved 0; Mismatches 211; Indels 96; Gaps 11;

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Oy 1 GTGATTTGTTATCTTGCTGCTCAGAGAGACAGACAGAGAGATGCTGCAAAAATGTC 60
Db 101 GTGATTTGTTATCTTGCTGCTCAGAGAGACAGACAGAGAGATGCTGCAAAAATGTC 160
Oy 61 CCTGCCGACCAAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 120
Db 161 CCTGCCGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 220
Oy 121 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 180
Db 221 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 280
Oy 181 TAGATGA-GTCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 221
Db 281 TAGATGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 340
Oy 222 TCTGGAATCTTCCGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 281
Db 341 TTAATAGTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 400
Oy 282 TTGCA-----TCCCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 321
Db 401 CGCGATTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 460
Oy 322 ATTAGTGTGAGAACCAAGCCACACATATGTAATACATCTTCTGACCAATGACT 381
Db 461 TTACTGCTGTTGACACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 520
Oy 382 GACTGAGAGAGATGATGAGAGAG-GTCTGCAAAAGAGAGAGAGAGAGAGAGAGAG 440
Db 521 TTAACGCCATCTATGTTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 580
Oy 441 ATCCGCTATCTTCCAGCCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 479
Db 581 GTTTCCTATCTGTAACAGTAATTAACCAAACTGATGATGAGAGAGAGAGAGAGAG 640
Oy 480 -----ACACATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 512
Db 641 CTTCAGAGCTTGCAGATGTAGAAATCTGAGAGATGAGAGAGAGAGAGAGAGAGAG 700
Oy 513 TGGAGAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 572
Db 701 TGGAGAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 760
Oy 573 TCAACAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 632
Db 761 TCAACAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 820
Oy 633 AAGTCCCACTACCTTACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 692

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Db 821 AAGCTCCCACTACCTTCAGAGGAAACCCAGAGTAGAATTCACGTTAACTACACCC 880
QY 693 AAGACCTGACAAAGATCATGTCTGAGTGAAGGAATTCAGGTGTTCTGCTACTTCT 752
Db 881 AAGACCTGACAAAGATCATGTCTGAGTGAAGGAATTCAGGTGTTCTGCTACTTCT 940
QY 753 TTTCTGCTAGAGCTGTGTAATGAGAAACAACGATTAATCTGAATTTCTACTCAGAG 812
Db 941 TTTCTGCTAGAGCTGTGTAATGAGAAACAACGATTAATCTGAATTTCTACTCAGAG 1000
QY 813 CTTTATGACAGGTGAGATTTCTTCCCGAACAACAATTTATCGAAGAGGAAA 872
Db 1001 CTTTATGACAGGTGAGATTTCTTCCCGAACAACAATTTATCGAAGAGGAAA 1060
QY 873 TTTCTGCTAGAGCTGTGTAATGAGAAACAACGATTAATCTGAATTTCTACTCAGAG 932
Db 1061 TTTCTGCTAGAGCTGTGTAATGAGAAACAACGATTAATCTGAATTTCTACTCAGAG 1120
QY 933 ATGAATCTGTCTCCCTGSCAACCAATGATTCGAATAAAGACACTTAAACATATCTC 992
Db 1121 ATGAATCTGTCTCCCTGSCAACCAATGATTCGAATAAAGACACTTAAACATATCTC 1180
QY 993 ATATTCGCTTACCCCTTGAGGAGGAGAACTTAGAGTCTCAAGTCAAAAGTCTGGCC 1052
Db 1181 ATATTCGCTTACCCCTTGAGGAGGAGAACTTAGAGTCTCAAGTCAAAAGTCTGGCC 1240
QY 1053 TGTGCTGCTGTCTGAGGACAGCTTCTCAGAGGTGTGAGGCTGACCTTACCTCAGAG 1112
Db 1241 TGTGCTGCTGTCTGAGGACAGCTTCTCAGAGGTGTGAGGCTGACCTTACCTCAGAG 1297
QY 1113 GTGAGATGCTCCATCATGATTAATTCATGATGCTTCCCAAGGAATTAATGCTATCTCT 1172
Db 1298 GTGAGATGCTCCATCATGATTAATTCATGATGCTTCCCAAGGAATTAATGCTATCTCT 1355
QY 1173 GTGAGACAGCAACCTGAGAGGCTTCTTCTGACCTTGAGATTAATGCTATCTCTC 1232
Db 1356 GTGAGACAGCAACCTGAGAGGCTTCTTCTGACCTTGAGATTAATGCTATCTCTC 1415
QY 1233 ACTTGAGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 1283
Db 1416 ACTTGAGG---ATACGATACATATTCCTTTCGAAGACTGACAGGACTCTC 1463

RESULT 4
US-10-027-632-161386/c
; Sequence 161386, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 161386
; LENGTH: 817
; TYPE: DNA
; ORGANISM: Human

US-10-027-632-161386
Query Match 29.6%; Score 459.6; DB 13; Length 817;
Best Local Similarity 78.9%; Pred.No.3.3e-132;
Matches 644; Conservative 2; Mismatches 136; Indels 34; Gaps 7;

QY 289 CCTCTGCTTCTGAGAGTGGAGCAATGTTGGATTAATCTGCTGGAACCAAGCCACCA 348
Db 787 CCTCTGATTTGCTAAAGTTGTGACAAAT-ATGATTAATCTGCTGGAACCAAGCCACCA 729
QY 349 TACTGTAATTAACCTTCTCTGACCAATGACCTGAGTGAAGTATGAGAGGTGCT 408
Db 728 TCTGTAATTAACCA-TCTTCAGACCAATGATTAATCTGAGTGAAGTATGAGAGGTGCT 670
QY 409 GCAAAAGAGGAGAGAGCTTATCTCTCTACCATCCCTGATTTCCGACCCATGAGAGG 468
Db 669 G-TAAGGAAGGAGAGAGAGCTTATCTCTCTGACCATCCACCAATTTTCAGACCTATAAGGA 611
QY 469 CATTAACCTGGAACACATGGAAGAGGCGCTGTGATCCGGCTCTGAGAACAGAGTCCG 528
Db 610 CATTAACCTGGAAG 551
QY 529 TATCTACTCTCTCATACAGAGCTTATGATGCTGAGGAGGAGGAGGAGGAGGAGGAGG 588
Db 550 TATGATTTTCTCTCATACAG 491
QY 589 TAAAGGAGCTTGGAGCTTGTACCTCCAGAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 648
Db 490 TAAAGGAGCTTGGAGAGCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 431
QY 649 TACAGAGGAGAAACACGAGTGAATTAATTAATTAATTAATTAATTAATTAATTAATTA 708
Db 430 CATAGAG-----AACCCAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 399
QY 709 CATGCTGAGAGT-AAAGGAATTAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 767
Db 398 CAGCTGAG 339
QY 768 GTATAGAGAGAAACACGAGTGAATTAATTAATTAATTAATTAATTAATTAATTAATTA 827
Db 338 ATGATGAAGAAACAAACATGAGCTGAGTGAATTAATTAATTAATTAATTAATTAATTAAT 279
QY 828 TACATTTCTTCCCGGAACAAACCTTATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 887
Db 278 TGGCTTTCTCTCCAG 220
QY 888 AGCCTTGTCTACATGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 947
Db 219 AGCCTTGTCTACATGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 160
QY 948 TGGCAACATGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1007
Db 159 TGACAGCAGATGAGTGAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 100
QY 1008 TTGGGAGTGGAG 1066
Db 99 TTGAGTGAAG 40
QY 1067 GGGAG 1102
Db 39 GGGAG 4

RESULT 5
US-10-027-632-161387/c
; Sequence 161387, Application US/10027632
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; PRIOR FILING DATE: 2002-04-30


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CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: US 60/218,006
PRIORITY FILING DATE: 2000-07-12
PRIORITY APPLICATION NUMBER: US 60/198,676
PRIORITY FILING DATE: 2000-04-20
PRIORITY APPLICATION NUMBER: US 60/193,483
PRIORITY FILING DATE: 2000-03-29
PRIORITY APPLICATION NUMBER: US 60/185,218
PRIORITY FILING DATE: 2000-02-24
PRIORITY APPLICATION NUMBER: US 60/167,363
PRIORITY FILING DATE: 1999-11-23
PRIORITY APPLICATION NUMBER: US 60/156,358
PRIORITY FILING DATE: 1999-09-28
PRIORITY APPLICATION NUMBER: US 60/146,002
PRIORITY FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 162668
LENGTH: 765
TYPE: DNA
ORGANISM: Human
US-10-027-632-162668

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Sequence 27152, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 27152
LENGTH: 208
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC005037.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.69
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.89
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1
OTHER INFORMATION: EST_HUMAN HIT: BE727240.1, EVALUE 1.00e-113
OTHER INFORMATION: NT HIT: g11114189, EVALUE 1.00e-102
OTHER INFORMATION: SWISSPROT HIT: P54472, EVALUE 3.00e-11
US-09-864-761-27152
Query Match 13.4%; Score 208; DB 9; Length 208;
Best Local Similarity 100.0%; Pred. No. 3.6e-54;
Matches 208; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
392 GTGATGAGAGAGCTGCTGCAAAAGAGAGACCTCATCTCTCTACATCCGCTATC 451
|||||

Db 208 GTGATGAGAGAGCTGCTGCAAAAGAGAGACCTCATCTCTCTACATCCGCTATC 149
Qy 452 TTCCGACCCATGAGAGCGATACCTGTAACATGAGAGAGCGCTGTCATCCGGCT 511
|||||
Db 148 TTCCGACCCATGAGAGCGATACCTGTAACATGAGAGAGCGCTGTCATCCGGCT 89
Qy 512 CTGGAAGAACAGAGTGGTATCTCTCTCTATACAGCCCTATGATGCTGCGCCAGG 571
|||||
Db 88 CTGGAAGAACAGAGTGGTATCTCTCTCTATACAGCCCTATGATGCTGCGCCAGG 29
Qy 572 GTCAACACTGGTGGCTAAAGGCTTG 599
Db 28 GTCAACACTGGTGGCTAAAGGCTTG 1
RESULT 12
US-10-198-846-9256
Sequence 9256, Application US/10198846
Publication No. US20030099974A1
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9256
LENGTH: 638
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 2, 4, 16, 525, 528, 557, 566, 576, 607, 614
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-9256
Query Match 12.1%; Score 188.4; DB 14; Length 638;
Best Local Similarity 94.5%; Pred. No. 9.9e-48;
Matches 206; Conservative 0; Mismatches 11; Indels 1; Gaps 1;
Qy 1 GTGATTGTAATCTGTGGTGTGAGAGAGACAGAGAGATTGGTCAGAAAACCTGC 60
Db 80 GTGATTGTAATCTGTGGTGTGAGAGAGACAGAGAGATTGGTCAGAAAACCTGC 139
Qy 61 CCTGCCACAGAGACAGCGCCACTAGTGGAGAGAGGGTCTGACTCAGACTTAATCG 120
Db 140 CCTGCCACAGAGAGACAGCGCCACTAGTGGAGAGAGGGTCTGACTCAGACTTAATCG 199
Qy 121 CTGTGCTGCTGGTGTGTTTCTACTGTCTCTGAAAAGCGCTTAATGGCATGAATAGGCA 180
Db 200 CTGTGCTGCTGGTGTGTTTCTACTGTCTCTGAAAAGCGCTTAATGGCATGAATAGGCA 259
Qy 181 TAGATGA-GTCCCAAGACAGTCCGGTGTGATTC 217
Db 260 TAGATGAGTAAGTCACTGAGAGAGCGGTTCAGAGTTGC 297
RESULT 13
US-09-783-590-8477
Sequence 8477, Application US/09783590
Patent No. US20020110850A1
GENERAL INFORMATION:
APPLICANT: Dillon, Patrick J.
APPLICANT: Haseltine, William A.
APPLICANT: Li, Haodong


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1  APPLICANT: Rosen, Craig A.
2  APPLICANT: Ruben, Steven M.
3  TITLE OF INVENTION: Human Genes, Sequences, and Expression Products 16.2
4  FILE REFERENCE: PO-16.2c1
5  CURRENT APPLICATION NUMBER: US/09/783,590
6  CURRENT FILING DATE: 2000-02-15
7  PRIOR APPLICATION NUMBER: 08/420,856
8  PRIOR FILING DATE: 1995-04-12
9  PRIOR APPLICATION NUMBER: 08/346,731
10 PRIOR FILING DATE: 1994-11-21
11 NUMBER OF SEQ ID NOS: 12485
12 SOFTWARE: PatentIn Ver. 2.0
13 SEQ ID NO 8477
14 LENGTH: 501
15 TYPE: DNA
16 ORGANISM: Homo sapiens
17 FEATURE:
18 NAME/KEY: misc feature
19 LOCATION: (10)
20 OTHER INFORMATION: n equals a,t,g, or c
21 NAME/KEY: misc feature
22 LOCATION: (48)
23 OTHER INFORMATION: n equals a,t,g, or c
24 NAME/KEY: misc feature
25 LOCATION: (98)
26 OTHER INFORMATION: n equals a,t,g, or c
27 NAME/KEY: misc feature
28 LOCATION: (141)
29 OTHER INFORMATION: n equals a,t,g, or c
30 NAME/KEY: misc feature
31 LOCATION: (173)
32 OTHER INFORMATION: n equals a,t,g, or c
33 NAME/KEY: misc feature
34 LOCATION: (229)
35 OTHER INFORMATION: n equals a,t,g, or c
36 NAME/KEY: misc feature
37 LOCATION: (315)
38 OTHER INFORMATION: n equals a,t,g, or c
39 NAME/KEY: misc feature
40 LOCATION: (358)
41 OTHER INFORMATION: n equals a,t,g, or c
42 NAME/KEY: misc feature
43 LOCATION: (376)
44 OTHER INFORMATION: n equals a,t,g, or c
45 NAME/KEY: misc feature
46 LOCATION: (391)
47 OTHER INFORMATION: n equals a,t,g, or c
48 NAME/KEY: misc feature
49 LOCATION: (404)
50 OTHER INFORMATION: n equals a,t,g, or c
51 NAME/KEY: misc feature
52 LOCATION: (411)
53 OTHER INFORMATION: n equals a,t,g, or c
54 NAME/KEY: misc feature
55 LOCATION: (427)
56 OTHER INFORMATION: n equals a,t,g, or c
57 NAME/KEY: misc feature
58 LOCATION: (430)
59 OTHER INFORMATION: n equals a,t,g, or c
60 NAME/KEY: misc feature
61 LOCATION: (461)
62 OTHER INFORMATION: n equals a,t,g, or c
63 NAME/KEY: misc feature
64 LOCATION: (465)
65 OTHER INFORMATION: n equals a,t,g, or c
66 NAME/KEY: misc feature
67 LOCATION: (467)
68 OTHER INFORMATION: n equals a,t,g, or c
69 NAME/KEY: misc feature
70 LOCATION: (473)
71 OTHER INFORMATION: n equals a,t,g, or c
72 NAME/KEY: misc feature
73 LOCATION: (479)

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: OTHER INFORMATION: n equals a,t,g, or c
: NAME/KEY: misc feature
: LOCATION: (487)
: OTHER INFORMATION: n equals a,t,g, or c
: NAME/KEY: misc feature
: LOCATION: (492)
: OTHER INFORMATION: n equals a,t,g, or c
: IS-09-783-590-8477

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Query Match	10.8%	Score 167.8;	DB 10;	Length 501;
Best Local Similarity	96.8%;	Pred. No. 2.2e-41;		
Matches 180; Conservative	0;	Mismatches 5;	Indels 1;	Gaps 1

OY		ATTGTTATCTGTGGTCTGCAGAGGACACAGAAAGAGSGATTGGGTACAGAAAATGCCCT	63
Db	93	ATTGTTATCTGTGGTCTGCAGAGGACACAGAAAGAGSGATTGGGTACNNAAAATGCCCT	152
OY	64	GCCGCACACAGACACAGCGC - ACTAGTGGGACAGGGGTCTTGACTCAGACTTAATGCGCT	1222
Db	153	GCCGCACCAAGAGCACAGCGCNCCTAGTGGGACAGGGGTCTTGACTCAAACCTTAATGCGCT	2122
OY	123	GTGTCTCGTGAGTTTTTCACCTGTCTTGAAAAAGCCCTGAATGSCACTGAAAATGAGCATTA	1822
Db	213	GTGTCTCGTGAGTTTTTNNACTGTCTTGAAAAAGCCCTGAATGSCACTGAAAATGAGCATTA	2722
OY		GATGAG 188	
Db	273	GATGAG 278	

```

RESULT 14
US-09-974-300-2768
Sequence 2768, Application US/09974300
Patent No. US20020146721A1
GENERAL INFORMATION:
APPLICANT: Berta, Randy M.
APPLICANT: Clausen, Ib Groth
TITLE OF INVENTION: Methods for Monitoring Multiple Gene
FILE REFERENCE: 10085.500-US
CURRENT APPLICATION NUMBER: US/09/974,300
CURRENT FILING DATE: 2001-10-05
PRIORITY APPLICATION NUMBER: 09/660,598
PRIORITY FILING DATE: 2000-10-06
PRIORITY APPLICATION NUMBER: 60/279,526
PRIORITY FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 8481
SOFTWARE: Fastseq for Windows Version 4.0
SEQ ID NO 2768
LENGTH: 805
TYPE: DNA
ORGANISM: Bacillus licheniformis
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(805)
OTHER INFORMATION: n = A,T,C or G
US-09-974-300-2768

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[illegible]

